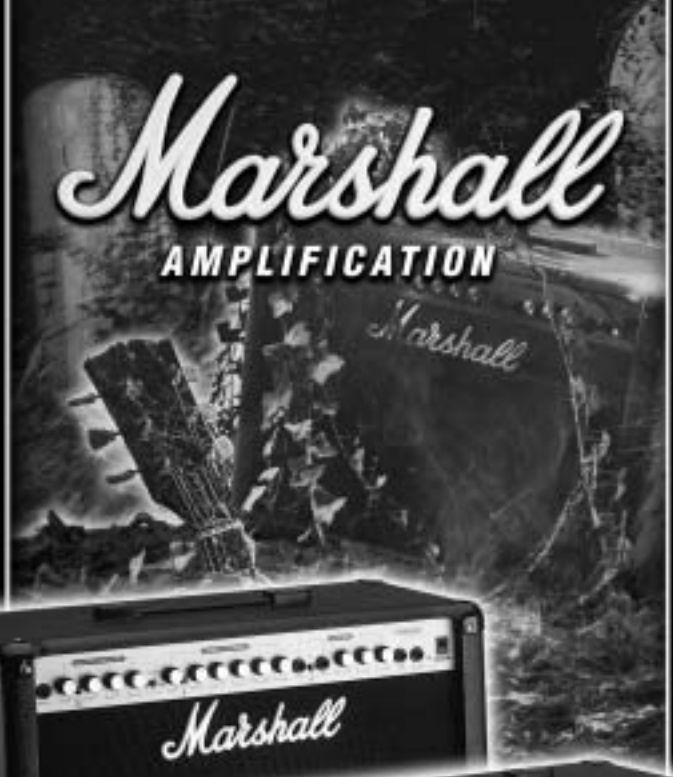


G50/80/100RCD

Guitar Amplifiers

From Jim Marshall

*I would like to thank you personally for selecting one of our **Marshall MG Series** guitar combos. Your new amplifier has been designed by the same team of British designers who created all of the great Marshall amps. It is built to the customary exacting Marshall standards and will give you an incredible spectrum of sounds to complement a wide range of playing styles, as well as being designed to stand the test of time.*

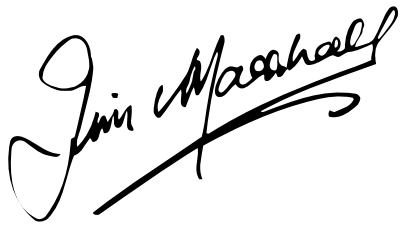
The Marshall name has adorned many of Britain's finest amps, from the early 1960's through to the present day. Some of the original vintage amps have become highly sought after by both amp collectors and working guitarists alike.

This new line of transistor guitar and bass guitar combos have been released to unanimous acclaim. Your combo is part of a new breed of Marshall amplifier, which has benefited from years of experience and continual investment in research and development.

Not only is the sound quality of your Marshall MG Series amp of a standard that you would only come to expect from Marshall's own design team, the Marshall G50RCD, G80RCD and G100RCD also have a CD input to allow you to play along to CD's. The ultimate home practice facility.

I would like to wish you every success with your new Marshall MG Series amplifier, which I am sure you will find a pleasure to play for years to come.

Yours Sincerely,



WARNING! - Important safety instructions

PLEASE READ THE FOLLOWING LIST CAREFULLY

A. ***ALWAYS*** *fit a good quality mains plug conforming to the latest B.S.I. standards where necessary (UK only).*

B. ***DO NOT*** *attempt to remove the amplifier chassis, there are no user serviceable parts.*

C. *Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.*

D. ***NEVER*** *use an amplifier in damp or wet conditions.*

E. ***ALWAYS*** *unplug this apparatus during lightning storms or when unused for long periods of time.*

F. *Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and at the point where they exit from the apparatus.*

G. ***DO NOT*** *switch the amplifier on without the loudspeaker connected.*

H. ***ENSURE*** *that any extension cabinets used are of the correct impedance.*

I. ***PLEASE*** *read this instruction manual carefully before switching on.*

Follow all instructions and heed all warnings.

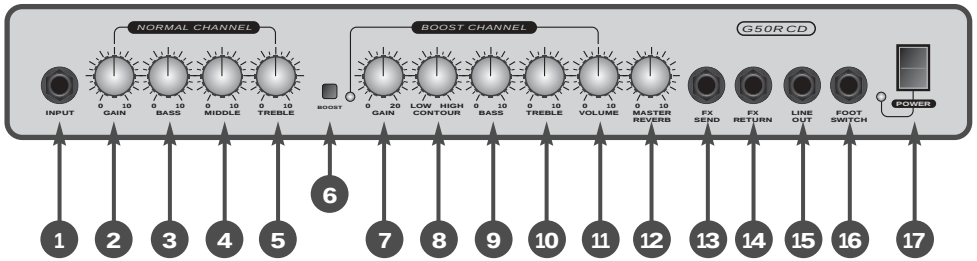
WARNING : *This apparatus must be earthed!*

WARNING : *Do not obstruct ventilation grille and always ensure free movement of air around the amplifier!*

USA ONLY - DO NOT *defeat the purpose of the polarised or grounding type plug. A polarised plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.*

KEEP THESE INSTRUCTIONS

G50RCD Front Panel Features



CHANNEL 1 (Normal)

1. Input Jack

Connects the guitar to the amplifier. We recommend that you always use a high quality screened cable to help prevent noise, interference and unwanted feedback.

2. Gain Control

Controls the gain level of the normal channel, giving clean sounds up to halfway, then bringing in blues to crunch rhythm sounds as the gain increases.

3-5. Bass, Middle & Treble

*Experimenting with these three wide ranging interactive bands of equalisation will give you a clearer understanding of the versatile **G50RCD** tones available from this channel.*

6. Channel Select Push Switch

Push switch to change from normal to boost channels. Note - This switch must be in for footswitch to function.

G50RCD Front Panel Features

CHANNEL 2 (Boost)

7. Gain Control

Controls the gain level on the boost channel. Take some time to experiment with the varying gain levels to find the wide variety of distortion sounds available.

8. Contour Control

Mid-band contour shift, giving wide voicing sweep for maximum tonal versatility on overdrive selections. When used in conjunction with the EQ, this control is highly effective.

9-10. Bass & Treble Controls

Interactive EQ controls covering the lower through to the upper frequencies and offering accurate sound tailoring.

11. Volume

Controls the overall volume level of the boost channel.

MASTER SECTION

12. Master Reverb

Gives overall control of the depth of reverb effect for both channels.

Effects Loop

*The effects loop is used for connecting an external effects processor or floor pedal. The effects loop on the Marshall **G50RCD** is sensitive enough to suit the level of either type (processor or floor pedal) to ensure that a perfect match is made. Generally it is advisable to connect time based effects such as Chorus or Delay through the loop only and any external distortion type effects directly between the guitar and the combo.*

13. FX Send

For connection to the input of an external effects processor or floor pedal.

14. FX Return

For connection to the output of an external effects processor or floor pedal.

15. Line Output

Filtered output for connection directly to a recording or PA mixing desk.

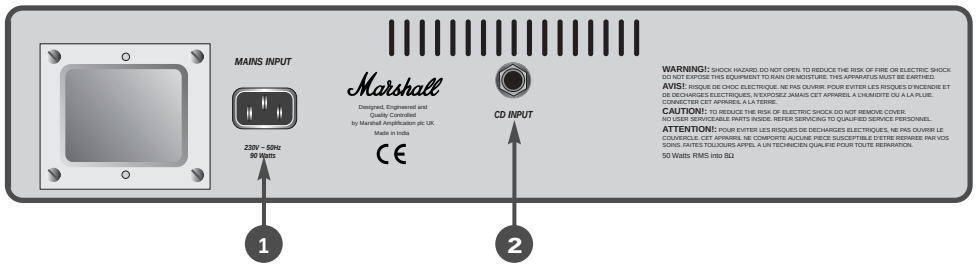
16. Footswitch Jack

Socket for the connection of a single footswitch for normal/ boost channel switching only (model PEDL 10008 included).

17. Power Switch

Switches the Mains to the unit.

G50RCD Rear Panel Features



1. Mains Input

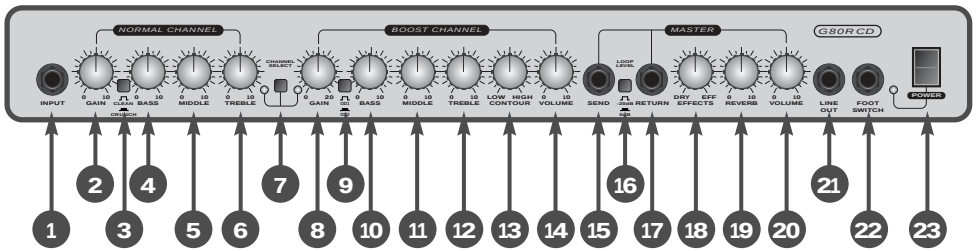
Mains inlet for mains lead supplied.

2. CD Input

This is an input for connection to a CD player, tape player or other auxiliary device, to allow you to play along. This is a fixed level input, so volume of your backing music should be adjusted on the auxiliary unit itself.

Note: The CD Input is not suitable for connection to speaker/poweramp outputs.

G80RCD & G100RCD Front Panel Features



G80RCD - 80 Watt Combo
G100RCD - 100 Watt Head

CHANNEL 1 (Normal)

1. Input Jack

Connects the guitar to the amplifier. We recommend that you always use a high quality screened cable to help prevent noise, interference and unwanted feedback.

2. Gain Control

Controls the gain level of the normal channel on both Clean and Crunch selections. In Clean mode, sounds remain clean, even at high gain levels. When switched to Crunch mode the amount of crunch increases as you wind the gain up.

3. Clean/Crunch Rhythm Switch

Push switch to select either clean or crunch sounds on the normal channel (push in for Crunch).

4-6. Bass, Middle & Treble

Full 3 band EQ for normal channel tonal selections. These controls are effective and interactive to give you incredible versatility. Try as many combinations as possible to really get to know your EQ.

7. Channel Select

Normal to boost channel selector switch. This function is also footswitchable. Set the switch to the in position for the footswitch to function. LED's indicate which mode has been selected.

CHANNEL 2 (Boost)

8. Gain Control

Controls the gain level of the boost channel. This control is effective on either overdrive selection. On OD1, it fattens the bluesy distortion and on OD2 goes from rock overdrive to full metallic thrash as you turn it up.

9. Overdrive Select (OD1 to OD2)

Manually switches from creamy 'classic' OD1 to screaming 'Hi Gain' OD2 distortion modes.

10-12. Bass, Middle & Treble

Effective 3 band EQ to shape the tone of all overdrive selections.

13. Contour Control

This sweeping control shifts the mid-band voicing of the boost channel to give amazing versatility to your overdrive sounds. When used in conjunction with the 3 band EQ, this control is devastating!

14. Volume Control

Controlling the overall level of the boost channel, this allows volume balancing between the two channels.

MASTER SECTION

Effects Loop

The effects loop is used for connecting an external effects processor or floor pedal. Generally it is advisable to connect time based effects such as Chorus or Delay through the loop only and any external distortion type effects directly between the guitar and the combo.

15. Effects Send Jack

For linking to the input of an external effects processor or floor pedal.

16. Effects Level Switch

Selects the level to match your external effects units (0dB for rack units and -20dB for pedals).

17. Effects Return Jack

For connection from the output of an external effects processor or floor pedal.

ENGLISH

G80RCD & G100RCD Front Panel Features

18. Effects Mix

When using the FX Loop on the front panel, the FX Mix allows you to dial in the desired amount of effected signal into your overall sound. Turning the control fully clockwise will result in a fully effected sound, i.e. no dry signal and turning the control fully anticlockwise will result in a fully dry sound.

19. Master Reverb

Controls the level of reverb effect on all channel selections.

20. Master Volume

Controls the overall volume level of the amp or combo.

21. Line Out Jack

Filtered low level signal for linking to a recording or mixing desk.

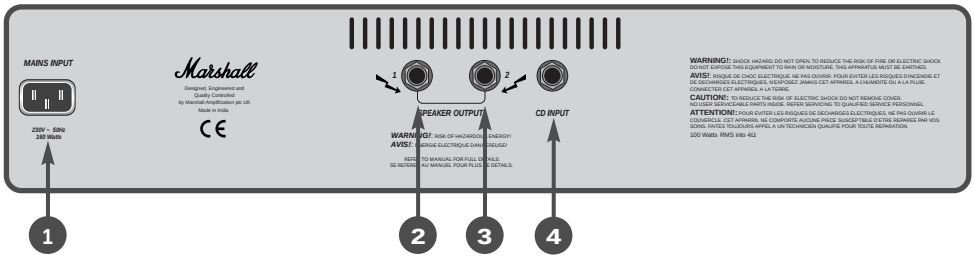
22. Footswitch Jack

For the connection of a two way footswitch for reverb and channel selection (Marshall footswitch PEDL 10009 included).

23. Power Switch

Switches the Mains to the unit.

G80RCD & G100RCD Rear Panel Features



1. Mains Input

Mains inlet for mains lead supplied.

2 & 3.

The rear panel features two parallel wired sockets for the connection of loudspeaker systems, the combined total impedance of which should not be less than 4 Ohms, eg; two 8 Ohms cabinets in parallel.

4. CD Input

This is an input for connection to a CD player, tape player or other auxiliary device, to allow you to play along. This level can be altered using the Master Volume.

Note: The CD Input is not suitable for connection to speaker/power amp outputs.